



AGROMET ADVISORY SERVICE BULLETIN FOR RATNAGIRI DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& India Meteorological Department)



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Duration – 5 days

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Significant past weather for the preceding week (Period –28/11/2020 to 04/12/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 09/12/2020				
(Source: Agromet observatory, Dept of Agronomy, College of Agril, Dapoli)								(Source: Regional Meteorological Centre, Mumbai)				
28/11	29/11	30/11	01/12	02/12	03/12	04/12		05/12	06/12	07/12	08/12	09/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.0	30.5	33.0	33.5	34.0	33.0	33.0	Max.Temp. (°C)	35	36	35	35	35
17.1	16.9	18.1	20.3	19.0	14.9	12.5	Min.Temp. (°C)	20	21	21	22	21
6	4	4	0	0	0	0	Cloud cover (Octa)	8	7	8	7	7
80	79	91	93	91	90	82	Max. RH (%)	54	54	59	68	54
41	63	44	46	54	51	48	Min. RH (%)	28	30	37	46	30
4.2	3.0	2.8	2.0	2.2	2.5	1.9	Wind speed(Km/hr)	9	9	9	8	8
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	ENE	ENE	ENE	E	E
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
0.0				3089.4				5197.2				

Weather summary/alert

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of increase in maximum temperature and decrease in minimum temperature with sky remain mainly cloudy from 5 th to 9 th December, 2020 over Ratnagiri district.
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Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
Mango	Vegetative flush to Flower bud initiation	<ul style="list-style-type: none"> There is possibility incidence of hoppers and powdery mildew disease on flower bud stage in mango. To protect the inflorescence from pest and powdery mildew diseases, if protective spray has not taken at vegetative flush and flower bud initiation stage, then undertake precautionary spray of Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water at flower bud initiation stage and for protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water. Due to cloudy weather for protection against anthracnose disease, spray carbendazim 12% + mancozeb 63% combination fungicide @ 10 gm per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is possibility of tea mosquito bug and thrips incidence on inflorescence of cashewnut, if protective spray has not taken at flowering, then undertake precautionary spray of to protect the cashew inflorescence from tea mosquito bug and thrips incidence, spray Profenophos 50% EC @10 ml per 10 liter of water. (The insecticide is not under label claim).
Brinjal	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of mites on brinjal, if incidence is noticed, spray Dicofol 18.5%EC @1.5 ml per liter of water or dust the Sulphur powder (300 mesh) on the lower side of the leaves. Provide irrigation to brinjal crop at 6-8 days interval.
Cucurbitaceous crops	Vegetative	<ul style="list-style-type: none"> Follow weeding in cucurbitaceous crop field and proper support should be given to cucurbitaceous crops which are in growing stage. Provide irrigation to cucurbitaceous crop at 4-5 days interval.

Cabbage	Vegetative	<ul style="list-style-type: none"> • Spray 1% urea on cabbage crop at 15 to 20 days after transplanting.
Watermelon	Vegetative	<ul style="list-style-type: none"> • There is possibility of incidence of hoppers and aphids in watermelon crop, if incidence is noticed on watermelon, spray dimethoate 30%EC @10 ml per 10 liter of water. For management of sucking pest, place yellow sticky paper into field. • Apply second split dose of 11g urea per vine of watermelon crop and for hybrid watermelon varieties apply 20g urea per vine. • Provide irrigation to watermelon crop at 4-5 days interval.
Chilli	Vegetative	<ul style="list-style-type: none"> • There is possibility of incidence of leaf curl disease in chilli which is transmitted by thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For management spray 10% cow urine and Azadirachtin 10000 PPM @ 3 ml per liter of water, alternatively at 7 days interval. Install blue sticky trap in field. • Provide irrigation to chilli crop at 6-8 days interval.
Poultry	-	<ul style="list-style-type: none"> • Protect the poultry birds from low temperature by providing curtains and electric bulbs during night time.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of "Gramin Krishi Mausam Sewa (GKMS)" Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.
For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.